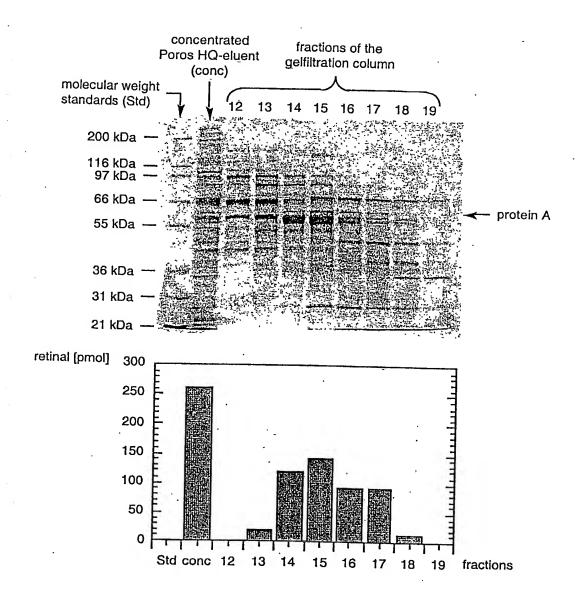


Figure 1





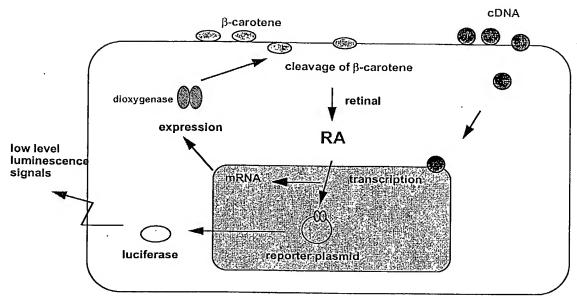


Figure 2



Figure 3 No. 2

Seq. ID

- ${\tt 1} \quad {\tt CGGATCCACT} \quad {\tt AGTAACGGCC} \quad {\tt GCCAGTGTGG} \quad {\tt TGGAATCCAT} \\ {\tt CCTTCTATGT}$
- $\tt 51$ AACAGGAAAG AGCTGTTCTT AGCCCAGAGA GGAGGGCACC GTACGCCTGC
- $101\,$ AGGAGCAGCT GGGTAGAGGA CACAGGAGAG CGATGGAGAC AATATTTAAC
- $151\,$ AGAAACAAAG AAGAGCATCC AGAGCCCATA AAAGCTGAGGTGAAGGTCA
- $201\,$ GTTGCCCACT TGGTTGCAAG GGGTACTTCT CCGAAATGGC CCAGGGATGC
- $251\,$ ACACAATAGG GGACACTAAA TACAACCACT GGTTTGATGG CTTGGCTCTG
- 301 CTGCACAGCT TCACGTTTAA AAATGGTGAA GTTTACTACA GAAGTAAGTA
- 351 CCTCCGAAGT GACACATACA ACTGCAATAT AGAAGCAAAC CGAATCGTGG
- 401 TGTCTGAGTT TGGAACCATG GCTTATCCGG ATCCATGCAA AAACATATTT .
- $451\,$ GCCAAGGCAT TCTCATACTT ATCTCACACC ATTCCTGAGT TCACGGACAA
- 501 CTGCCTGATC AACATTATGA AAACTGGGGA TGATTATTAT GCTACCAGTG
- $551\,$ AGACTAACTT CATCAGAAAA ATTGATCCAC AGACTCTGGA GACACTAGAT
- 601 AAGGTAGACT ACAGCAAATA TGTAGCTGTA AACTTGGCAA CTTCTCACCC
- 651 ACACTATGAC AGTGCTGGAA ATATTCTCAA CATGGGTACT TCAATTGTTG
- 701 ATAAAGGGAG AACAAAATAT GTTCTCTTTA AGATCCCTTC CTCTGTACCA
- 751 GAAAAAGAAA AGAAGAAATC TTGTTTTAAA CACCTGGAAG TAGTATGCTC
- 801 CATCCCTTCT CGCTCCCTGC TECAACCAAG CTACTACCAC AGCTTTGGAA
- 851 TCACAGAAAA TTATATTGTG TTCATAGAGC AGCCATTTAA ACTGGATATT



- 901 GTCAAACTGG CAACTGCCTA CATCCGAGGT GTGAACTGGG
- 951 TTCCTTTCAT AAGGAGGATA AGACGTGGTT TCACTTTGTA GACAGAAAGA
- 1001 CGAAAAAGA AGTATCCACC AAGTTTTACA CTGATGCTTT GGTGCTTTAT
- 1051 CACCACATAA ATGCTTACGA AGAAGATGGC CACGTTGTTT
- 1101 TGCCTACAGA GACAATAGCT TGTACGATAT GTTTTACTTA AAAAAACTGG
- 1151 ACAAAGACTT TGAAGTGAAC AACAAGCTTA CCTCCATCCC AACCTGCAAG
- $1201\,$ CGCTTTGTTG TGCCTCTGCA GTATGACAAG GATGCAGAAG TAGGTTCTAA
- 1251 TTTAGTCAAA CTTCCAACTT CCGCAACTGC TGTAAAAGAA AAAGATGGCA
- 1301 GCATCTATTG TCAACCTGAA ATATTATGTG AAGGGATAGA ACTGCCTCGT
- 1351 GTCAACTATG ACTACAATGG CAAAAAATAC AAGTATGTCT ATGCAACAGA
- $14\,01$ AGTCCAGTGG AGCCCAGTTC CTACAAAGAT TGCAAAACTG AATGTCCAAA
- 1451 CAAAGGAAGT ACTGCACTGG GGAGAAGACC ACTGCTGGCC CTCAGAGCCC
- 1501 ATCTTTGTTC CCAGCCCCGA TGCAAGAGAA GAGGATGAAG
- 1551 GACCTGTGTT GTGGTGTCTG AGCCAAATAA AGCACCCTTC CTACTCATCT
- 1601 TGGATGCTAA AACATTCAAA GAATTGGGCC GAGCCACAGT TAACGTAGAA
- ${\tt 1651} \quad {\tt ATGCATCTGG} \ \, {\tt ACCTGCATGG} \ \, {\tt GATGTTTATA} \ \, {\tt CCACAGAATG} \\ {\tt ATTTGGGGGC}$
- 1701 TGAGACGGAA TAAAACGCTA TTGATCCGAC TACACAAACT GAGACAACTT
- 1751 TCTACTGAAC ATGAGTTAAT ATCCCTTTTA CCATTCAAGA ACAACCATAT
- 1801 AACGACACAA AATGACTATG TATAATCTCT TAAATAATAG ATATAATCCT
- 1851 TTTAAGGCAC AGCGATGAGT TTTACTACAG GTAACGATAT GCACAACTGG



- 1901 CATATAACTA TTCCAAAAGA AGAAGAACGA TCAGTGTTTT AGAAGTGCTA
- 1951 ATGTTGTACA TAACGGCGGC AGAGGGAACA GGAGAGAAGGTAACGGGAA
- 2001 TATTTAATAG AATATAGATT TCTGAGCAAA TGAAGTGCAG TATTTATGGT
- 2051 GTGATGCATG GCATGAGTCA CATAGGTCTG CAGCTCATGT ATCTTTTAGA
- 2101 GATCGTTTCA AGATTGCAGC TTGTGATGCA AGTTTTCTCC AGCCAGAAAA
- 2151 CCTCATTTA AACCATCTGC TACTGGTAAT TCATACCAAT GCATTTCTT
- $2201\,$ GGTGCTCGAT TTACACTATA ACCAAAGTTA AGTATTACAT TCAGGTGCTA
- 2251 CAACTTTCTA ATTTACAACC GAAACAAACA AGCAAACAGC ACTTGCTTTG
- 2301 CTAATAACCC CATGGTGTAT TTTTCCTTTT TATGATGACA AAACCAAGTA
- 2351 CATATGGTTT TATGTAGCAT TCAATTATAC TTCAGTGCTA
- 2401 ATGTTATAAG CAATTTGTAT TTAAATCAGT TTTCCTTGAG AATATCTGAC
- $2451\,$ ATAACATTTT GTGTAATGAG ATGACTATGT TGTCTAAAGA TGAACAGGAA
- 2501 TGTATCTTTT ATTAGTATTG TTAATTGTGT TACTAATACT ATGCATATGA $^{\circ}$
- 2551 ATGAGAGCAA TGTATTTCTA GGAGAACTCA GATATACATT CAACAATTTC
- $2601\,$ TGTAGGTGAA AATGCATTTA CTGATGAAAG TTGAATCGTT AATGAGGGAG
- 2651 AAAACTGGGT ATCCATCCAT CCAACTATGT TAGGTGTTCA
- 2701 ATGTGACACC ACGCTGTTTG GGTATCTCTC ACTTTCACAT ACCTGTTCTC
- 2751 ATGGTTTCTG CTACTCACTG TATTTTGCAG GAGAGAAACA AAATGAAATC
- 2801 ACTGTCACTT ACTATCGCCC CATCACATAA GAACAATGGG GCTTTGGTGA



- 2851 CTTGTTCATG ATTACATAAG ATGTTTGCAG CAGAGCAGCA ATAGAACCAA
- 2901 CACCATCCAC AGTTCTTGCT TGCTCTGTTA TGACTCCCTT
- 2951 ATGGTTTGCA TGTATGAAGA ATACACTGCC TAATTCTAATGTTAAAAAGT
- 3001 CACTGGGGTC AGATCTAGAG CTTAAGTAAG CAGTCTGGGG TTTTCAAATG
- 3051 TTTATATGTT CCATAAAATG GAAATAAACA CCTCCATAAT AAAAAAAAA
 - 3101 AAAAAAAAA A



Figure 4 No. 1

Seq. ID

- 1 METIFNRNKE EHPEPIKAEV QGQLPTWLQG VLLRNGPGMH TIGDTKYNHW
- 51 FDGLALLHSF TFKNGEVYYR SKYLRSDTYN CNIEANRIVV SEFGTMAYPD
- 101 PCKNIFAKAF SYLSHTIPEF TDNCLINIMK TGDDYYATSE TNFIRKIDPQ
- 151 TLETLDKVDY SKYVAVNLAT SHPHYDSAGN ILNMGTSIVD KGRTKYVLFK
- 201 IPSSVPEKEK KKSCFKHLEV VCSIPSRSLL QPSYYHSFGI TENYIVFIEQ
- 251 PFKLDIVKLA TAYIRGVNWA SCLSFHKEDK TWFHFVDRKT KKEVSTKFYT
- 301 DALVLYHHIN AYEEDGHVVF DIVAYRDNSL YDMFYLKKLD KDFEVNNKLT
- 351 SIPTCKRFVV PLQYDKDAEV GSNLVKLPTS ATAVKEKDGS IYCQPEILCE
- 401 GIELPRVNYD YNGKKYKYVY ATEVQWSPVP TKIAKLNVQT KEVLHWGEDH
- 451 CWPSEPIFVP SPDAREEDEG VVLTCVVVSE PNKAPFLLIL DAKTFKELGR
 - 501 ATVNVEMHLD LHGMFIPQND LGAETE



Figure 5

Seq ID No. 4 and Seq ID No. 5 $\,$

57	10	EEHPEPIKAEVQGQLPTWLQGVLLRNGPGMHTIGDTKYNHWFDGLALL
69	20	: .: : : : EELSSPLTAHVTGRIPLWLTGSLLRCFTGPGLFEVGSEPFYHLFDGQALL
105	58	HSFTFKNGEVYYRSKYLRSDTYNCNIEANRIVVSEFGTMAYPDPCKNI
119	70	::: . . :. : HKFDFKEGHVTYHRRFIRTDAYVRAMTEKRIVITEFGFTTCAFPDPCKNI
155	106	FAKAFSYLSHTIPEFTDNCLINIMKTGDDYYATSETNFIRKIDPQTLETL
167	120	.: : : : . . : : FSRFFSYFRGVEVTDNALVNVYPVGEDYYACTETNFITKINPETLETI
203	156	DKVDYSKYVAVNLATSHPHYDSAGNILNMGTSIVDKGRTKYVLFKIPS
217	168	. . . :. : . : FTKQVDLCNYVSVNGATAHPHIENDGTVYNIGNCFGKNFSIAYNIVKIPP
253	204	SVPEKEKKKSCFKHLEVVCSIPSRSLLQPSYYHSFGITENYIVFIEQPFK
266	218	: : : : LQADKEDPISKFTS.EIVVQFPCSDRFKPSYVHSFGLTPNYIVFVETPVK
300	254	LDIVKLATAY.IRGVNWASCL.SFHKEDK.TWFHFVDRKTKKEVSTKFYT
316	267	: ·: ··: : :
344	301	DALVLYHHINAYEEDGHVVFDIVAYRDNSLYDMFYLKKLDKDFE
366	317	: :. .: : :: SPFNLFHHINTYEDNGFLIVDLCCWKGFEFVYNYFTLYLANLRENWEEVK
391		VNNKLTSIPTCKRFVVPLQYDKDAEVGSNLVKLP.TSATAVKEKDGSI
115	367	: : : . : : KNARKAPQPEVRRYVLPLNIDK.ADTGKNLVTLPNTTATAILCSDEFTTI
136	392	YCQPEILCEGIELPRVNYD.YNGKKYKYVYATEVQWSPVPTKIAKL
164	416	: : : .: . :: WLEPEVLFSGPRQAFEFPQINYQKYCGKPYTYAYGLGLNHF.VPDRLCKL



RAUL	
484	437 NVQTKEVLHWGEDHCWPSEPIFVPSPDAREEDEGVVLTCVVVSEPNKA
514	. : : . . 465 NVKTKETWFTVWQEPDSYPSEPIFVSHPDALEEDDGVVLSVVVSPGAGQR



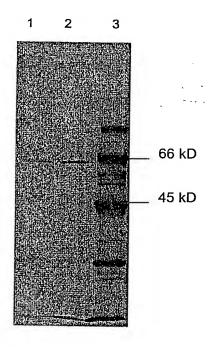


Fig. 6



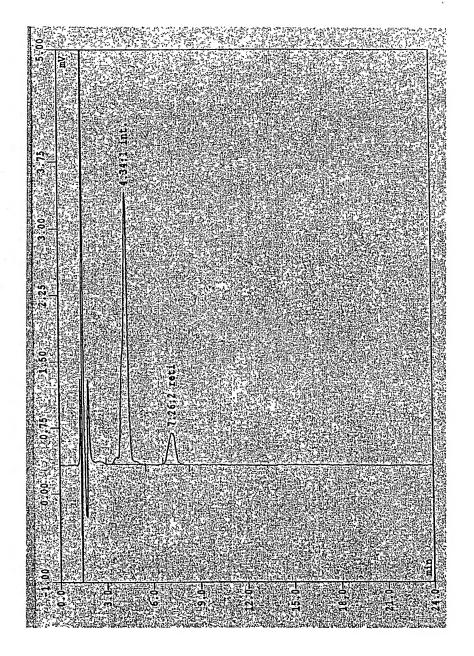


Fig. 7





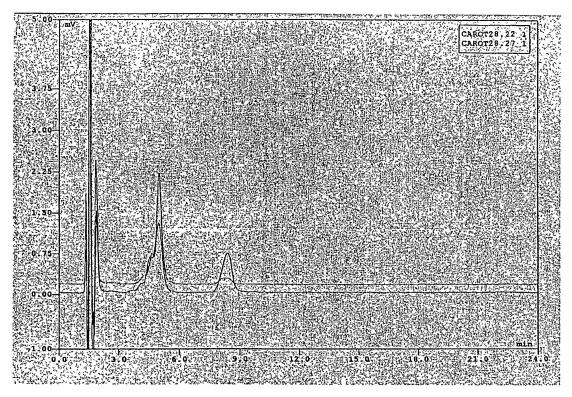


Fig. 8